NORYL™ RESIN EFN4230

REGION ASIA

DESCRIPTION

NORYL™ EFN4230 resin is a high heat, transparent, non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This material may be an excellent candidate for industrial packaging applications.

TYPICAL PROPERTY VALUES

Revision 20190828

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	81	MPa	SABIC - Japan Method
Tensile Strain, break	80	%	SABIC - Japan Method
Flexural Stress	119	MPa	ASTM D 790
Flexural Modulus	2800	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	31	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	147	°C	ASTM D 648
CTE, -30°C to 30°C	6.E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.08	-	ASTM D 792
Water Absorption, 24 hours	0.07	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
Melt Flow Rate, 300°C/5.0 kgf	14.2	g/10 min	ASTM D 1238

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